



**Homeland
Security**

National Protection and Programs Directorate
Office of Cyber and Infrastructure Analysis (OCIA)
Infrastructure Impact Assessment

(U) Hurricane Harvey: Infrastructure Impact Assessment: Energy- Government Facilities and Emergency Services - 1930 EDT 25 August 2017

(U) Assessment

(U) OCIA assesses that Hurricane Harvey will have high local impacts and low national impacts to the Government Facilities and Emergency Services Subsector. Services provided by both sectors are unlikely to be significantly disrupted, but facilities such as exposed structures, firehouses, and police stations may experience significant damage. Most emergency services will have adequate emergency fuel plans. Houston and Corpus Christi are home to multiple government facilities owned or leased by federal, state, and local governments. This region also contains numerous Emergency Services facilities, including fire and police departments and emergency operations facilities.

(U) Government facilities will be impacted by sustained winds, flooding and related power outages. State and local governments will likely be able to continue providing essential services. Non-critical facilities will be shut down and the workforce evacuated until the storm passes. Public services provided by these facilities will be temporarily curtailed. Offices providing critical government functionality will maintain continuity of operations by evacuating personnel and relocating functionality to secondary or backup sites. Physical impacts from Hurricane Harvey will likely be limited to damage to properties and supporting infrastructure.

(U) The Emergency Services Sector is unlikely to experience significant disruptions to operations. Fire, police, and emergency operations facilities maintain robust secondary and tertiary backup sites. Physical infrastructure may be damaged by flooding, disrupted power, and loss of storage facilities. Police and Sheriff departments may be forced to evacuate jails and prisons and transfer inmates to backup facilities. Fire Departments and Emergency Operation Centers will relocate to backup sites as prescribed by continuity of operations plans while maintaining readiness and response postures. Emergency response services may be strained due to a high number of 911 calls, and may also be hindered by flood waters or debris on roads.

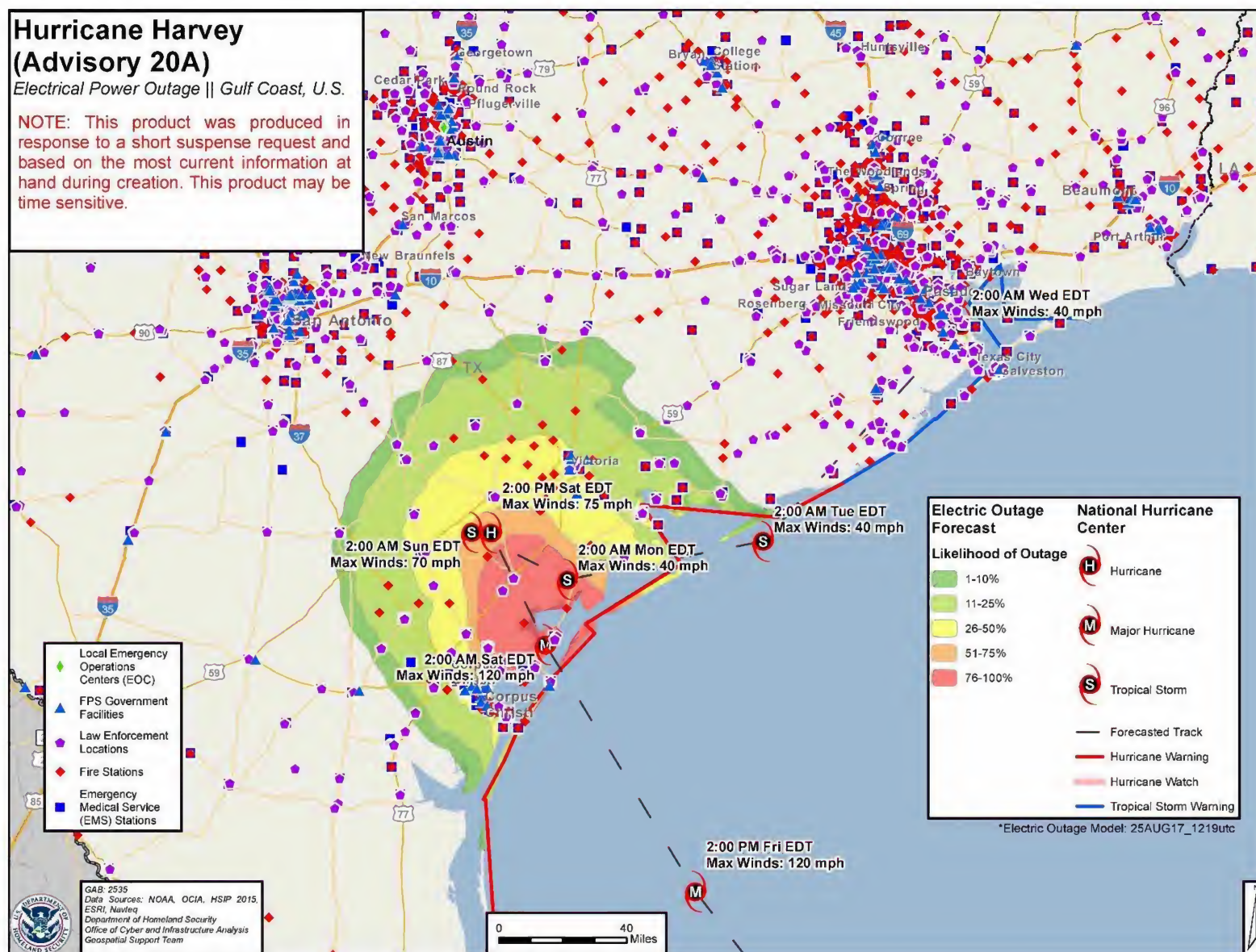
(U) Backup facilities within these two sectors remain dependent upon stored fuel on hand to run backup generators. While these storage containers have the potential to be contaminated by flood water or blocked by debris, most emergency managers have developed adequate emergency fuel plans.

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(U//FOUO) FIGURE 1— HURRICANE HARVEY TRACK

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(U//FOUO) FIGURE 2— IMPACTS TO GOVERNMENT FACILITIES AND EMERGENCY SERVICES IN HURRICANE HARVEY'S TRACK AS OF 0753 EDT AUGUST 25

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NPPD Customer Feedback Survey

1. Product Title: Hurricane Harvey - Government Facilities and EMS (FOUO)

2. Please rate your satisfaction with each of the following:

	Very Satisfied (5)	Somewhat Satisfied (4)	Neither Satisfied Nor Dissatisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)
Timeliness of product	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Relevance of product	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3. How did you use the information or products?

☐ Yes ☐ No Integrated into one of my own organization's information or analytic products
If so, which products?

☐ Yes ☐ No Used contents to improve my own organization's security or resiliency efforts or plans
If so, which efforts?

☐ Yes ☐ No Shared contents with government, private sector, or other partners
If so, which partners?

☐ Yes ☐ No Other uses (please specify)

4. Do you have questions that this product didn't answer?

Yes ☐ No ☐ (Please specify)

5. How could this product be improved?

6. Would you like to see more on this topic?

Yes ☐ No ☐ (Please specify)

7. Are there other topics or questions you would like to see addressed by OCIA?

To help us understand more about your organization so we can better tailor future products, please provide (OPTIONAL):

Name:	<input type="text"/>	Sector:	<input type="text" value="Select One"/>
Organization:	<input type="text"/>	Partner Type:	<input type="text" value="Select One"/>
Contact Number:	<input type="text"/>	State:	<input type="text" value="Select One"/>

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